

Work Order ID 163057

Friday, June 30, 2017 7:23:31 AM

163057

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Item ID: D139-799-039

Revision ID:

Item Name: AW139 Easy Access Engine Oil Drain

Start Date: 6/21/2017 Start Qty: 2.00

Required Date: 6/21/2017 Req'd Qty: 2.00

Reference: ECN17-588

Approvals: Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

N900040100

Setup

Start

NS1

Stop

NS2

Cust Item ID:

Customer:

Run

Start

NR1

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN-D139-799	M								

105

105

QC

Quality Control

MemoPULL FROM STOCK:
2 X D139-799-039 B151823REMOVE ALL PARTS TO OLD REV AND SCRAP/DESTROY
D5384-1
D5384-2REMOVE FOLLOWING PARTS TO REWORK TO NEW REV:
D5373-1 rework 163540
D5373-3 rework 163591
D5383-1 rework 163130RETURN REMAINING PARTS TO STOCK, USING ORIGINAL B/N'S
6 X NAS509-7C B135884
6 X AS3208-06 B135884
12 X MS27039C1-12 B135884
4 X D5386-1 B

Picklist Print

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Friday, June 30, 2017 7:23:28 AM

Work Order ID: 163057

163057

Parent Item: D139-799-039

D139-799-039

Parent Item Name: AW139 Easy Access Engine Oil Drain

Start Date: 6/21/2017

Required Date: 6/21/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 16.10.07 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AS3208-06 *AS3208-06* Packing		Purchased	No				Each	86.0000		-6			
									**				
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST556				86					
					m135884			86					
D139-799-039 *D139-799-039* AW139 Easy Access Engine Oil Drain		Manufactured	No				Each	0.0000		2			
									**				
D5373-1 *D5373-1* Oil Drain Line		Manufactured	No				Each	3.0000		-4			
									**				
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST212				3					
					151825			3					
D5373-3 *D5373-3* Oil Drain Line		Manufactured	No				Each	0.0000		-4			
									**				
D5383-1 *D5383-1* Tee		Manufactured	No				Each	15.0000		-2			
									**				
				<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>				
				ST166				15					
					151827			15					

Picklist Print

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Work Order ID: 163057

163057

Parent Item: D139-799-039

D139-799-039

Parent Item Name: AW139 Easy Access Engine Oil Drain

Start Date: 6/21/2017

Required Date: 6/21/2017

Start Qty: 2.00

Required Qty: 2.00

D5386-1 Manufactured No

Each 5.0000 -4

D5386-1

Valve

Location

Loc Qty

Loc Code

ST167

5

152005

5

MS27039C1-12 Purchased No

Each 48.0000 -12

MS27039C1-12

Screw

Location

Loc Qty

Loc Code

ST277

48

m135884

48

NAS509-7C Purchased No

Each 34.0000 -6

NAS509-7C

Nut

Location

Loc Qty

Loc Code

ST551

34

m135884

34

Linda Lacelle

From: Patrick Duval
Sent: Wednesday, June 21, 2017 7:50 AM
To: Linda Lacelle
Cc: Mario Poulin
Subject: RE: ECN17-588

D5383-1 Rev. change (no holes for the lock wire) will need the be scrap
D5386-1 nothing change but it was remove from CHG002

From: Linda Lacelle
Sent: Wednesday, June 21, 2017 7:29 AM
To: Patrick Duval <pduval@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

THE D5383-1 AND D5386-1 did not change...

L

From: Patrick Duval
Sent: Tuesday, June 20, 2017 4:25 PM
To: Linda Lacelle <llacelle@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

Parts that will need to remove

- D5386-1
- D5384-1
- D5384-2
- D5383-1
- Nuts
- Screws

Parts with revision change

- D5373-1 (also qty change)

Linda Lacelle

From: Patrick Duval
Sent: Wednesday, June 21, 2017 7:57 AM
To: Linda Lacelle
Cc: Mario Poulin
Subject: RE: ECN17-588

As for D5373-1/-3 it change Rev. (no holes for lock wire) will need to be scrap. Also -1 was remove in CHG002, and -3 qty 1 was remove in CHG002

Pat.

From: Linda Lacelle
Sent: Wednesday, June 21, 2017 7:37 AM
To: Patrick Duval <pduval@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

Also, it seems to me that the D5373-1/-3's have only changed rev, to add notes and add extra parts..???

L

From: Patrick Duval
Sent: Tuesday, June 20, 2017 4:25 PM
To: Linda Lacelle <llacelle@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

Parts that will need to remove

- D5386-1
- D5384-1
- D5384-2
- D5383-1
- Nuts
- Screws

Parts with revision change

- D5373-1 (also qty change)

Linda Lacelle

From: Patrick Duval
Sent: Tuesday, June 20, 2017 4:25 PM
To: Linda Lacelle
Cc: Mario Poulin
Subject: RE: ECN17-588

D139-799.039-2

163057

Parts that will need to remove

- D5386-1 x2 - 151828
- D5384-1
- D5384-2 2 - 151829
- D5383-1
- Nuts
- Screws

Parts with revision change

- D5373-1 (also qty change) x3 - 151825
- D5373-3 (also qty change) x3 151826

So the only thing that did not change is the fitting D5370-1

-151823

Pat. D.

From: Linda Lacelle
Sent: Tuesday, June 20, 2017 3:30 PM
To: Patrick Duval <pduval@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

I thought there was only 4 parts that changed???

From: Patrick Duval
Sent: Tuesday, June 20, 2017 1:23 PM
To: Linda Lacelle <llacelle@dartaero.com>
Cc: Mario Poulin <mpoulin@dartaero.com>
Subject: RE: ECN17-588

I think we should scrap them, pretty much the hole kit has change. If you fill the need we can always restock the valve D5386-1, but for the rest, parts are either no longer needed in the -039 kit, or there was a rev. change.

Pat.

From: Linda Lacelle

Sent: Tuesday, June 20, 2017 7:33 AM

To: Patrick Duval <pduval@dartaero.com>

Cc: Mario Poulin <mpoulin@dartaero.com>

Subject: ECN17-588

Hi Pat,

There shows 2 x D139-799-039 in stk (FG018), it still shows at CHG001, can you please have it removed from stk and let us know what has to be changed in it to make it a CHG002 ? and we have 3 of these sold, so it would be nice to get these 2 kits in stock at CHG002 asap, to get them shipped out.

Thx

L

Work Order ID 151823-2

Tuesday, October 11, 2016 8:25:37 AM

151823

Page 1

Item ID: D139-799-039

Accept

N9000040100

Setup Start

NS1

Revision ID:

Stop *NS2*

Item Name: AW139 Easy Access Engine Oil Drain

Start Date: 10/12/2016 Start Qty: 3.00

Required Date: 10/26/2016 Req'd Qty: 3.00

Reference:

Approvals: Process Plan:

DAS
21
9-89

Date: OCT 11 2016

Tooling:

Cust Item ID:

Customer:

Run Start

NR1

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

Draw Nbr

Revision Nbr

IIN-D139-799

L

DAS
6
9-89

OCT 27 2016

0.00

100

Document Control

100

DC

Doc.Control -USB or Paperwork

Memo

Photocopy bluefile & type labels per PPP D139-799-039
CHG001

0.00

2 DAS
28
9-89

FEB 28 2017

110

Pick Kit

0.00

110

Packaging

Packaging

Memo

0.00

3

NOV 08 2016

DAS
27
9-89

120

QC4-100% Inspect kits for completeness

0.01

120

QC

Quality Control

Memo

0.02

2 DAS
28
9-89

FEB 28 2017

Work Order ID 151823

Tuesday, October 11, 2016 8:25:37 AM

151823

Page 2

Item ID: D139-799-039 **Accept** ***N19000040100*** **Setup Start** ***NS1*****Revision ID:****Item Name:** AW139 Easy Access Engine Oil Drain**Stop** ***NS2*****Start Date:** 10/12/2016 **Start Qty:** 3.00***3*****Cust Item ID:****Required Date:** 10/26/2016 **Req'd Qty:** 3.00***3*****Customer:****Reference:****Approvals:** **Process Plan:****Date:****Tooling:****Date:****Run Start** ***NR1*****QC:****Date:****SPC (Y/N):****Date:****Stop** ***NR2*****Sequence ID/
Work Center ID****Operation
Description****Set Up/
Run Hours****Tool ID****Tool #****Plan
Code****Accept
Qty****Reject
Qty****Reject
Number****Insp.
Stamp**

130

0.00

130

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D139-799-039
Location: FG019

2

DAS
28
9-89DAS
27
9-89

FEB 2 8 2017

140

0.02

140

QC

QC21- Final Inspection - Work Order Release

Memo

0.05

Quality Control

DAS
21
9-89

FEB 2 8 2017

DAS
21
9-89

FEB 2 8 2017

Picklist Print

Tuesday, October 11, 2016 8:25:46 AM

Page 1

Work Order ID: 151823

151823

Parent Item: D139-799-039

D139-799-039

Parent Item Name: AWP Easy Access Engine Oil Drain

Start Date: 10/12/2016

Required Date: 10/26/2016

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A 16.10.07 NEW ISSUE DD VEREJFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5370-1 *D5370-1* Fitting		Manufactured	No				Each	1.0000	**	6		NOV 08 2016	DAS 27 9-89
	DAS 28 9-89				Location prelim								
D5373-1 *D5373-1* Oil Drain Line		Manufactured	No		141233		Each	0.0000	**	6		4x.B/51825 SP	
D5373-3 *D5373-3* Oil Drain Line		Manufactured	No				Each	0.0000	**	6		4x D151826 SP	
D5383-1 *D5383-1* Tee		Manufactured	No				Each	0.0000	**	6		NOV 08 2016	DAS 27 9-89
D5384-1 *D5384-1* Bracket		Manufactured	No				Each	1.0000	**	3		151821 NOV 08 2016	DAS 27 9-89
	DAS 28 9-89				Location prelim								
D5384-2 *D5384-2* Bracket		Manufactured	No		141234		Each	0.0000	**	3		151829 NOV 08 2016	DAS 27 9-89
D5421-041 *D5421-041* Oil Drain Hose Assembly		Manufactured	No				Each	0.0000	**	6		151914 NOV 18 2016	DAS 27 9-89

See attach & mail

Picklist Print

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Work Order ID: 151823

151823

Parent Item: D139-799-039

D139-799-039

Parent Item Name: AW159 Easy Access Engine Oil Drain

Start Date: 10/12/2016

Required Date: 10/26/2016

Start Qty: 3.00

Required Qty: 3.00

NAS509-7C

Purchased

No

Each

0.0000

**

135884

NOV 08 2016

DAS
27
9-89

NAS509-7C

Nut

AS3208-06

Purchased

No

Each

0.0000

**

135884

NOV 08 2016

DAS
27
9-89

AS3208-06

Packing

MS27039C1-12

Purchased

No

Each

0.0000

**

135884

NOV 08 2016

DAS
27
9-89

MS27039C1-12

Screw

16.11.21 A 15386-1 ✓ qty 2 Batch: 153197 X2
151830 X2 NOV 25 2016

DAS
6
9-89

DAS
27
9-89

Tuesday, October 11, 2016 8:25:46 AM

Shop Packet Print

Page 2

David Duval

From: Colin Corbett
Sent: November-21-16 3:26 PM
To: David Duval; Harvey Siemens
Subject: RE: D139-799-039 kit

Hi David,

Yes, you're right. there is an error there. We decided not to revise the IIN just for that, so I created a DSI (DSI 9763).

The DSI is under review with David Shepherd at the moment, but it is ok to include the D5421-041 Drain line in the kit, and NOT just the D5421-1

Let me know if you have any more questions!

Cheers,

Colin Corbett, P. Eng
Design Engineer

DART AEROSPACE
T 1 403 717-0328 > 428



From: David Duval
Sent: 21-Nov-16 13:06
To: Colin Corbett <CCorbett@dartaero.com>; Harvey Siemens <hsiemens@dartaero.com>
Subject: D139-799-039 kit

Hi,
Could there be a error in the part list of D139-799-039.
Should D5421-1 be D5421-041 Drain line?

DAVID DUVAL
Production Engineering Coordinator

DART AEROSPACE
T 1 613 632-5200 > 234
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com



Qty -035	Qty -036	Qty -037	Qty -038	Part Number	Description
X				D139-799-035	HEAVY DUTY REPLACEMENT CABIN STEP KIT LH
	X			D139-799-036	HEAVY DUTY REPLACEMENT CABIN STEP KIT RH
		X		D139-799-037	LIGHT WEIGHT REPLACEMENT CABIN STEP KIT LH
			X	D139-799-038	LIGHT WEIGHT REPLACEMENT CABIN STEP KIT RH
1				D5235-041	LH STEP ASSEMBLY
	1			D5235-042	RH STEP ASSEMBLY
		1		D5235-043	LH STEP ASSEMBLY
			1	D5235-044	RH STEP ASSEMBLY
1	1	1	1	*D5271-1	FORWARD AIRCRAFT FITTING
1		1		*D5271-3	LH AFT FITTING
	1		1	*D5271-4	RH AFT FITTING
1	1	1	1	*D5272-1	FORWARD TUBE
1	1	1	1	*D5272-3	AFT TUBE
2	2			*D5273-041	END FITTING ASSEMBLY
		2	2	*D5273-043	END FITTING ASSEMBLY
1	1			*D5274-1	STEP EXTRUSION
		1	1	*D5274-3	STEP EXTRUSION
14	14	14	14	*D5291-041	RADIUS BLOCK ASSEMBLY
12	12	10	10	*MS24694-S50	SCREW
14	14	14	14	*MS24694-S98	SCREW
28	28	28	28	*MS20426AD4-6	RIVET

*Part of D5235-041/-042/-043/-044 assembly, above.

Qty -039	Part Number	Description
X	D139-799-039	ENGINE OIL DRAIN KIT
2	D5370-1	FITTING
2	D5373-1	OIL DRAIN LINE
2	D5373-3	OIL DRAIN LINE
2	D5383-1	TEE FITTING
1	D5384-1	BRACKET
1	D5384-2	BRACKET
2	D5386-1	VALVE
2	D5421-1	DRAIN LINES
2	NAS509-7C	NUT
2	AS3208-06	PACKING
4	MS27039C1-12	SCREW